REMARKS

Upon entry of the present amendment, claims 1-3, 6, 8, 9, 11 and 12 will have been amended while claim 10 will have been canceled without prejudice or disclaimer of the subject matter thereof. In addition, claims 13 through 21 will have been submitted for consideration by the Examiner.

In view of the herein contained amendments and remarks, Applicants respectfully request reconsideration and withdrawal of each of the outstanding rejections together with an indication of the allowability of all of the claims pending herein, in due course. Such action is now believed to be appropriate and proper and is thus respectfully requested.

Initially, Applicants wish to respectfully thank the Examiner for explicitly indicating the acceptance of the drawings filed the present application October 19, 2006. However, Applicants note that the drawings were filed in the present application on September 7, 2006.

Applicants additionally wish to respectfully thank the Examiner for acknowledging their claim for foreign priority under 35 U.S.C. § 119 as well as for confirming that the certified copy of the priority document, upon which the above noted claim for priority is based, has been received.

Finally, the Examiner is respectfully thank for indicating his consideration of the documents submitted together with the Information Disclosure Statement filed in the present application on December 7, 2006, by the return of a signed and initialed copy of the PTO-1449 Form that was attached to the above noted Information Disclosure Statement.

In the outstanding Official Action, the Examiner rejected claims 1-3, 6, 7, 9 and 10, under 35 U.S.C. § 102(e) as being anticipated by de Jong (U.S. Patent No. 7,165, 727). Applicants respectfully traverse the above noted rejection and submit that it is inappropriate with respect to the combination of features recited in each of Applicants' claims.

The Examiner indicated that claims 4, 5, 8, 11, and 12 are objected to for being dependent upon a rejected base claim. However, the Examiner indicated that these claims would be allowable if rewritten into independent form including all of the limitations of the base claim and any intervening claims.

By the present response, Applicants have amended claim 10 to include the limitations of claim 11 which has been indicated to contain allowable subject matter. Accordingly, at least for this reason, claim 10 and those claims dependent thereon are submitted to be patentable over the references of record in the present application. Further, newly submitted independent claim 13 is based upon previously pending claims 1 and 4 while newly submitted independent claim 15 is based upon previously pending claims 1, 3, and 8. Accordingly, these claims, as well as those claims dependent thereon, are also submitted to be patentable over the references of record in the present application.

Applicant's invention is directed to a secure device as recited in claims 1, 13, 15, and 21 as well as to a card issuance system as recited in claim 11. Utilizing the secure device of claim 1 as a nonlimiting example of Applicant's invention, the secure device of the present application executes card issuance in response to a command from an external device. The secure device includes a card issuance section that extracts a card issuance command corresponding to a function of a card to be acquired from command groups stored in an internal memory and a card management system that executes the card issuance command extracted by the card issuance section. Card issuance comprises outputting the card issuance command from the card issuance section to the card management section, executing the card issuance command via the card management section and outputting a response, from the card management section to the card issuance section, indicating that

the card issuance execution is completed, wherein card issuance is executed only by communication within the secure device after receiving the command from the external device.

It is respectfully submitted that the de Jong reference relied upon by the Examiner to reject claims of the present application does not contain a disclosure that is adequate or sufficient to anticipate or even render unpatentable the combination of features recited in Applicants' claims. Accordingly, reconsideration of the outstanding rejection, together with an indication of the allowability of all of the claims pending in the present application is respectfully requested, in due course.

It is an explicitly recited feature of Applicants' invention that card issuance is executed only by communication within the secure device after receiving the command from the external device. In other words, the processing for card issuance can be completed entirely within the secure device. Thus, since downloading of an application and the processing for card issuance are completed within the secure device, it is accordingly possible to reduce the number of times that communication must be performed between the external device and the secure device. Thus, it is possible to reduce the effect of communication interruptions as well as to improve safety and security of card issuance. In this regard, the Examiner's attention is respectfully directed to, inter alia, paragraph [0086] of the present application.

In direct contrast, de Jong relates to a method and apparatus for installing an application onto a smart card. According to de Jong an application identifier (AID) comprises at least one customization parameter for an application to be installed onto the smart card. The application may be installed by providing the AID, instantiating the application onto the smart card, storing the AID

onto the card and configuring the application in accordance with the stored AID such that the application is configured in accordance with the at least one customization parameter.

De Jong also discloses a card AID interpreter object 411 that supports a predetermined set of method calls to perform operations on the AID. As shown in figure 5B, in an alternative implementation of the card AID interpreter 411 three components of the AID, such as RID 501, firewall ID 502A, and the applet ID 502 B are each represented by a respective subobject. These subobjects interact with the respective buffer objects. Accordingly, when card AID interpreter 411 receives a method called for the AID or one of its components, it calls the relevant subobject.

However, de Jong does not disclose or suggest the secure device as defined in the claims of the present application that is recited to execute card issuance in response to a command from an external device and executing the card issuance only by communication within the secure device after receiving a command from the external device. In other words, de Jong does not disclose completing the card issuance processing within the secure device. Accordingly, at least for the above noted reasons it is respectfully submitted that the features of Applicants' invention are clearly distinct from the disclosure of de Jong.

Newly submitted claim 21 defines a secure device wherein the card issuance section monitors whether or not each card issuance command has been successfully executed at the card management section and outputs, to the card management section, when some card issuance commands have not been successfully executed, information to identify up to which card issuance command the execution has been successful, and the card management section sends a response to the external device including information indicating that some card issuance commands have not been successfully executed and identifying the card issuance commands that have been successfully

executed. The above noted feature, in the claimed combination of claim 21 is not taught, disclosed or rendered obvious by de Jong.

Since in usual card issuance processing, commands are periodically transmitted to a card from an external device, the external device is quite easily able to determine which command has not been successfully executed or which command has failed during transmission. However, according to the features of the present invention, where the card issuance processing is completed totally within the secure device, the external device can only wait to receive a response showing a final result after transmitting a command that results in card issuance. However the external device cannot easily determine which commands have not been successfully executed. Accordingly, in order for the external device to determine which command has not been successfully executed, a response, transmitted from the secure device to the external device must include information indicating which command has failed, when such failure in execution occurs. In other words, the card issuance section must monitor the successful execution of each card issuance command and transmit, to the card management section, information identifying up to which card issuance command, execution has been successful.

The above noted features of the present invention, as recited in claim 21 are not disclosed, taught or rendered obvious by de Jong. In particular, de Jong teaches that if the AID parameters from a particular applet match those received from the terminal, then the complete AID is obtained from the relevant applet. The complete AID can then be returned to the terminal and the applet corresponding to the AID activated on the card. In other words, the AID interpreter confirms whether or not a particular applet to match all of the parameters is received from a terminal. If the particular applet matches all of the parameters, the applet is activated and if a particular applet does

not match all of the parameters the AID interpreter confirms whether other applets match the parameters in the same fashion. The examiner's attention is respectfully directed to column 12, lines 8-24 and figures 6 and 6A-6D.

Accordingly, according to the technique disclosed by de Jong, an application is selected depending upon whether all of the items of data match, or only part of the items of data match. Accordingly, de Jong does not disclose the combination of features recited in Applicants' invention, of outputting, to the card management section, information identifying up to which card issuance command the execution has been successful, when some card issuance commands have not been successfully executed. Thus, Applicants respectfully submit that claim 21 is clearly patentable over the disclosure of de Jong and an action to such effect is respectfully requested in due course.

In view of the above, Applicants respectfully request reconsideration and withdrawal of the outstanding rejection together with an indication of the allowability of all the claims pending in the present application, in due course.

SUMMARY AND CONCLUSION

Applicants have made a sincere effort to place the present application in condition for allowance and believe that they have now done so. Applicants have amended a number of claims, canceled one claim and submitted several new claims for consideration by the Examiner.

Applicants have discussed the disclosure of the reference cited and applied by the Examiner against the pending claims and have shown the deficiencies thereof. Additionally Applicants have discussed the recitations of the various claims and, with respect to such recitations have noted significant and substantial shortcomings of the reference cited thereagainst by the Examiner in the outstanding Official Action. Accordingly, Applicants have provided a clear evidentiary basis supporting the patentability of all the claims pending in the present application and respectfully request an indication to such effect in due course.

Any amendments to the claims which have been made in this amendment, and which have not been specifically noted to overcome a rejection based upon the prior art, should be considered to have been made for a purpose unrelated to patentability, and no estoppel should be deemed to attach thereto.

P30639.A03

Should the Examiner have any questions or comments regarding this Response, or the present application, the Examiner is invited to contact the undersigned at the below-listed telephone number.

Respectfully submitted,
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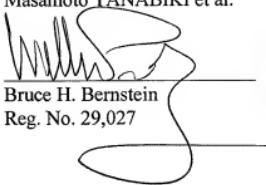
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